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No. 39]

NEW DELHI, SATURDAY, SEPTEMBER 30, 1967 (ASVINA 8, 1889)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके

Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
Patents and Designs

Calcutta, the 30th September 1967

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 5th August 1967—

In page 351, Column 1, under the heading "Application accepted".

for No. 104973

read No. 104673.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 11th September 1967

112288. Prakash Chandra Chatterji. The production of coloured pictures on the screen.

112289. Standard Oil Company. Production of aromatic tricarboxylic acids having only two vicinal carboxylic acid groups.

112290. Hickson & Welch Limited. Optical whitening agents. (21st September 1966).

112291. P. Bruce. Floating breakwater. (21st September 1966).

112292 The Gillette Company. Safety razors.

112293. International Tractor Company of India Limited. Improvements in jacks.

112294. The Dunlop Company Limited. Coating compositions. (28th September 1966).

112295. H. U. Shah. A container or tin, which opens automatically by a mechanism provided in it, to be named "Presso"

L247GI/67

112296. Director, Indian Institute of Technology, Bombay, and Dr. Gopal Chandra De. Improvements in push-pull amplifiers built using complementary transistors.

112297. Director, Indian Institute of Technology, Bombay and Dr. Gopal Chandra De. Improvements relating to torque control of slip-ring induction motors using reactors incorporating hard magnetic materials

112298. Director, Indian Institute of Technology, Bombay and Dr. Gopal Chandra De. Improvements relating to transistorized D. C. amplifiers.

112299. Director, Indian Institute of Technology, Bombay and Dr. Gopal Chandra De. Improvement relating to A.C. voltage stabilizers.

112300. Director, Indian Institute of Technology, Bombay, Dr. Gopal Chandra De, and S. Ganga Khedkar. Improved trigger circuits for firing silicon controlled rectifiers.

112301. Council of Scientific and Industrial Research. Emulsion paint vehicles from styrenated copolymers of drying and semidrying oils.

112302. J. M. Wilson. Improvements in and relating to the manufacture of cement and concrete. (13th September 1966).

112303. Veb Fettchemie. Improvements in or relating to the manufacture of O, O-dimethyl-O-(2, 2-dichlorovinyl)-phosphate.

112304. Greenland Foods Private Limited. Process for the treatment of fresh peas beans and the like material.

112305. I. R. Patel. Improvements in or relating to closure arrangement of containers for dispensing liquids, pastes or the like.

112306 T. B. Buhariwala. A new device for rolling channels or other sectors (from metal strips) into rings.

112307. N. V. Philips Gloeilampenfabrieken. Electro-magnetic relay.

112308. N. V. Philips Gloeilampenfabrieken. Method of providing a clamping band around the bulb of a television picture tube and implosion-free tube manufactured by means of this method.
112309. N. V. Philips Gloeilampenfabrieken. Method of manufacturing semiconductor devices.
112310. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Cooling or heating plastic viscous liquids.
112311. Antar, Petroles De L'Atlantique. Method of purifying paraxylene.
112312. Ube Industries, Ltd. Method of continuously polymerizing caprolactam.
112313. Takeda Chemical Industries, Ltd. Catalyst composition for the production of dicarboxylic acid anhydride.
112314. Institut Francais Du Pétrole. Des Carburants Et Lubrifiants. Device for firing explosive charges.
112315. N. V. Organon. Medication dispensing means.
112316. Marshall, Sons & Co. (India) Ltd. Suspension assembly for heavy-duty vehicles, with transversely oscillating axles.
112317. A. M. Thyagarajan. Voting machine.
- The 12th September 1967*
112318. (Mrs.) Vidya Gangadhar Abhyankar. An improved calculating machine.
112319. R. (Alias, Raghavendra) B. Yelburgi. AC/DC convertor.
112320. Fabriques De Produits Chimiques De Thann Et De Mulhouse. Apparatus and process for checking the flow of pulverulent materials contained in a reservoir.
112321. Harry Truax. Method for treating soybeans and the like using infra-red heat.
112322. Simon-Carves Limited. Improvements in or relating to catalysts. (24th September 1966).
112323. BB Chemicals (U.K.) Limited. Process for the production of caprolactam. (20th October 1966).
112324. W. L. Sherwood. Continuous steelmaking method and apparatus.
112325. Mefina S. A. Sewing machine speed control device.
112326. Farbenfabriken Bayer Aktiengesellschaft. Brightening agents. (11th January 1967).
112327. Chemical Construction Corporation. Production of granular ammonium phosphate.
112328. Chemical Construction Corporation. Method of purifying crude hydrogen.
112329. Combustion Engineering Inc. Vapor generator and vapor liquid separator.
112330. American Cyanamid Company. Low temperature carbon monoxide oxidation catalyst.
112331. General Electric Company. Yttrium Vanadate europium phosphor preparation by precipitation using ammonium carbonate.
112332. General Electric Company. Yttrium vanadate europium phosphor preparation by precipitation.
112333. Brown & Williamson Tobacco Corporation. Improvements in or relating to multiple filter making machine.
112334. Gosudarstvenny Vsesojuzny Nauchno-Issledovatel'skiy Institut Stritolnykh Materialov I Konstruktsiy "Vniistrom". Process for the manufacture of lime concrete products.
112335. Veb Werk Fur Signal-Und Sicherungstechnik Berlin. Device for corresponding or communicating between two end stations of a block of a single or double line track for the railway safety system.
112336. Mrs. P. C. Sawhney. A device for the unloading of materials, such as sugarcane.
112337. R. Singh. Stabilizer.
112338. Krka, Tovarna Zdravil. New halogenated 5-nitroimidazole derivatives and process for their production.
112339. Shri D. N. Medak. Basket filler.
112340. Shri D. N. Medak. Jungle cutter.
- The 13th September 1967*
112341. N. S. Shah. A soother.
112342. Union Carbide Corporation. Method of operating a regenerative furnace. [Divisional date 22nd August 1966].
112343. Eli Lilly and Company. Process for preparing adamantyl chloroformates and the products prepared in accordance with the process. [Divisional date 5th January 1966].
112344. Sumitomo Chemical Company, Ltd. Insecticidal and fungicidal compositions.
112345. Ciba Limited. Process for the manufacture of new diazacycloalkanes.
112346. The Dunlop Company Limited. Latex foam rubber process (1st October 1966).
112347. Parker-Kalon Corporation. Improvements in rotary threaded fasteners and method of making the same.
112348. American Home Products Corporation. Synthesis of steroids.
112349. Kali-Chemie Aktiengesellschaft. Process for producing calcined phosphate fertilizers. (17th April 1967)
- The 14th September 1967*
112350. Nauchno-Issledovatel'skiy Institut Gidrometeorologicheskogo Priborostroeniya. Soil tensiometer.
112351. S. H. Parikh. Topflat-bottomround self-positioning beads.
112352. S. H. Parikh. Interlocking round or multi angular cylinders for word or figure building.
112353. Sm. Tripti Sen. Improvements in or relating to blocks for buildings, structures and like constructions of hexagonal design, formed by using such blocks.
112354. J. R. Geigy A. G. Process for the production of new N'-substituted N-aryl sulphonyl ureas.
112355. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966).
112356. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966).
112357. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966).
112358. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966).
112359. Hobourn-Eaton Manufacturing Company Limited. Pump. (4th October 1966).
112360. Indian Oxygen Limited. Deoxygenation of liquids. (28th September 1966).
112361. Tiger Products Private Limited. Improvements in or relating to shackleless pin tumbler locks.
112362. Farbwerke Hoechst Aktiengesellschaft. Vormal Meister Lucius & Bruning. Tetrahydropyranylethers of steroids and process for their manufacture.
- The 15th September 1967*
112363. Leningradskoe Proizvodstvennoe Obiedinenie "Radio-detal". Device for winding capacitor sections.
112364. M. M. Shrivastava. Air purifier.
112365. United States Steel Corporation. Steels with high strength and good ductility.
112366. BP Chemicals (U.K.) Limited. Process for the preparation of modified resins. (5th October 1966).

112367. Imperial Chemical Industries Limited. Readily dispersible pigment compositions. (22nd September 1966).
112368. Pike Corporation of America. Stabilized floating structure.
112369. Amicon Corporation. Electrical energy device containing solid electrolyte.
112370. International Nickel Limited. Copper-nickel alloys.
112371. Palitex Project-Company G.m.b.H. Multiple twist spindle.
112372. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Extractive distillation. (24th April 1967).
112373. Ciba Limited. Process for the manufacture of azo pigments.
112374. Ciba Limited Herbicidal preparations.

Alteration of Date

104935. Ante dated to 11th March 1966 under Section 5 of the Act.
105378. The claim to priority date 28th May 1965 has been abandoned and the application dated as of 20th May 1966, the date of filing in India.
107099. The claim to priority date 19th October 1965 has been abandoned and the application dated as of 17th September 1966, the date of filing in India.
105456. The claim to priority date 27th May 1965 has been abandoned and the application dated as of 26th May 1966, the date of filing in India.
105579. The claim to priority date 23rd June 1965 has been disallowed and the application dated as of 3rd June 1966, the date of filing in India.
105578. The claim to priority date 23rd June 1965 has been disallowed and the application dated as of 3rd June 1966, the date of filing in India.
102965. The claim to priority date 28th December 1964 has been disallowed and the application dated as of 13th December 1965, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of date the of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications is the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in the due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

102803. B. M. Beards. Straw dispenser. Accepted on 2nd September 1967.
A straw dispenser comprising a pair of spaced rollers rotated by a lever with a housing beneath and guide means so that when the lever is actuated a straw is dispensed and falls vertically below.
102965. M & T Chemicals Inc. Improvements in or relating to the electrodeposition of a bright decorative chromium plate on to a basis metal. Accepted on 8th September 1967.
Electrodepositing bright decorative chromium plate into a base metal comprises maintaining a hexavalent chromium plating bath containing chromic acid and sulphate in the ratio of 125-550:1 and an anion of a halogenated organic carboxylic acid having atleast three carbon atoms.

102995. Imperial Chemical Industries Limited. Method and apparatus for producing double packages. (23rd December 1964). Accepted on 14th September 1967.

Securing the open end of the bag to a clamp or the like with the bag hanging outside the enclosure, supporting the body of the bag at or near the top of the enclosure and at least partially filling the bag with the desired contents to make the bag slide into the enclosure.

103013. Farbentabriken Bayer Aktiengesellschaft. Process for the stepwise production of moulded articles. (12th August 1965). Accepted on 8th September 1967.

Characterised in that (i) adding to the moulding mass based on an unsaturated polyester and a monomeric compound a gellar (ii) treating the mass to a temperature until the attainment of the gelstate (iii) cooling the gel to obtain a prepolymer and (iv) subsequently reheating the prepolymer till the final hardening is reached.

103046. N. V. Philips' Gloeilampenfabrieken, Improvements in or relating to insulated gate field-effect transistor containing a region of oxygen rich material. (16th December 1964). Accepted on 15th September 1967.

Characterized in that the gold is provided in the oxygen rich substrate region.

103123. The Chemical and Industrial Corp. Strong, hard, rough-textured fertiliser granules, a process for their manufacture and apparatus therefor. Accepted on 12th September 1967.

Moving fertilizer in granulating zone releasing raised particles to cascade down spraying nitrogenous melt onto contacting them with countercurrent cooling air in cooling zone and withdrawing cooled solid particles.

103174. The B. F. Goodrich Company. Catalyst and method of preparing unsaturated aldehydes and acids. (12th January 1965). Accepted on 14th September 1967.

Comprising in molar ratio 100MoO₃, 10-100TeO₂ and 10-100 of a manganese phosphate.

103226. Dorr-Oliver Incorporated. Membrane separation unit for separating the constituents of a feed material and method of making such unit. Accepted on 7th September 1967.

Characterized by a plurality of spaced apart laminates each having a central fluid conducting support lamina together with selectively permeable membrane, and a partition adapted to form a portion of a closed conduit for circulating the material to be separated through the spaces between the laminates.

103380. Veb Optima Buromaschinenwerk Erfurt. Multi-purpose keys at power-driven typewriters and similar office machines. Accepted on 13th September 1967.

Characterized by recessing the teeth of the stop bar which limits the down stroke of the key levers thereby giving continuous motion through the key board locking rails for such typing and control keys.

103534. Institut Francais Du Pétrole Des Carburants Et Lubrifiants. Improved process for the production of close mixtures of several non miscible liquid states. Accepted on 14th September 1967.

Wherein non miscible liquid phases are mixed through an elongated and vertical transfer zone by means of a driving gas from the other phase in a separating zone situated immediately above the first transfer zone.

103844. Ministerul Industriei Constructiilor de Masini. Adjustment device for gear-changing in the great capacity power installations. Accepted on 12th September 1967.

Characterised in that it consists of bellows dish assembly which oscillates between two limits under the action of two pneumatic servomotor so as to achieve a correct gearing in of the half clutches.

103851. T. I. (Group Services) Limited. Casting of steel ingots. (26th February 1965). Accepted on 12th September 1967.

An ingot mould comprising a bottom member and a hollow mould member, a mould cavity, said bottom member having substantially symmetrically arranged inlet means.

104008. Aktiebolaget Svenska Flaktfabriken. An emitting electrode assembly for electric precipitators. Accepted on 22nd August 1967.

Comprising a rectangular frame, resilient electrodes clamped in the frame between two opposite side electrode holders mounting plate key hole shaped opening, anchoring elements.

104170. Veb Eisen-Und Huttenwerke Thale. Improved stirring device. (14th April 1965). Accepted on 4th September 1967.

Comprising polished surfaces, plurality of stirring vanes, a rotary shaft, vanes of U-shaped, limb and secured to the shaft flattened in the medium parts.

104185. Fried Krupp Huttenwerke Aktiengesellschaft. Method and apparatus for the vacuum treatment degasification and/or decarburization of melts, particularly steel melts. Accepted on 4th September, 1967.

Apparatus for vacuum treatment of steel melts consisting of a melt container, a vacuum tank provided with a vacuum suction line a vertical suction and a discharge pipe connected to a jet-degasifying chamber.

104188. Joseph Lucas (Industries) Limited. Spark ignition systems. (10th March 1965). Accepted on 5th September 1967.

A spark ignition system where energy derived from a battery is stored in an inductor and then used to produce spark.

104226. Franz Plasser Bahnbaumaschinen. Improvements in or relating to movable track tampering machine. Accepted on 11th September 1967.

To each pair of tamping tools or groups a lifting device is provided, the lifting device comprising lifting tongs, rollers and the like to grab the rails shunts or the like and the lifting device is arranged on a protruding frame comprising a beam hinged to the frame and steerable by a hydraulically operated cylinder.

104232. United States Steel Corporation. Crucible for holding molten metal. Accepted on 11th September 1967.

A Crucible for molten metal comprising a container of refractory material kept inside a vessel of thermal insulation and the space therebetween is filled with compressible material.

104260. E. Vincent. Device for the loading of ores. Accepted on 11th September 1967.

Comprising means for dividing the flow of material into two portions and means for releasing or dislodging the lower layer whereby any blockage may be destroyed.

104277. Associated Electrical Industries Limited. A composition for the preparation of silicone elastomers and silicone elastomers prepared therewith. (12th March 1965). Accepted on 11th September 1967.

Comprises an organopolysiloxane composition containing vinyl groups and a polymerisable ester chosen from the group consisting of allyl ester of polybasic acid and the glycol esters of methacrylic acid.

104282. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Apparatus for formation of crystals in a super-saturated solution, particularly in the sugar industry. Accepted on 12th September 1967.

Characterized in that the deflection takes place in an annular channel that the inlet cross-section and the outlet cross-section of the channel are of the same size and that the blades of the propeller are fixed on the propeller obliquely to the propeller shaft.

104294. The English Electric Company Limited. Electrical signal phase comparator. (22nd March 1965). Accepted on 13th September 1967.

Comprising an output circuit to assume one or other states of operation and circuit means connected to receive signals and operative to condition the output circuit to assume one state only for the periods during which both signals are positive with respect to the datum and during which both signals are negative with respect to the datum.

104456. G. V. de Lizasoain, R. E. Martin and H. I. Otano. Electrical conductor. Accepted on 14th September 1967.

Comprising a homogeneous filamentary structure of uniform density constituted of matted fibers of electroconductive material, dielectric plastic, fibers free from adherence thereto.

104534. Imperial Chemical Industries Limited. New reactive monoazo dyestuffs. (21st February 1966). Accepted on 14th September 1966.

Comprises coupling a diazotised amine with a corresponding coupling component of substituted amino naphthol.

104593. Aktiebolaget Svenska Flaktfabriken. A method of admixing dust precipitated in an electrostatic precipitator to a liquid. Accepted on 14th September 1967.

Comprising an electrostatic precipitator, a dissolving basin constituting the lower part of the precipitator casing, means for supplying a suitable solvent to the said basin means for governing the solution from said basin.

104616. Compagnie Des Freins Et Signaux Westinghouse. Improvements in vacuum brake systems for vehicles such as railway vehicles. Accepted on 12th September 1967.

Quick release valve means is located between the brake pipe and the brake chamber and the auxiliary vacuum reservoir and the brake release chamber wherein counteracting pressures determine the braking or brake releasing effect.

104699. Allied Chemical Corporation. Process for the production of liquid polyisocyanate compositions and process for the production of urethane polymers therefrom. Accepted on 12th September 1967.

Heating at 140°-200°C for 2-25 hours a degassed and solvent free reaction mixture resulting from phosgenation of one or more toluene diisocyanate fraction equal to 3-30% by weight of the mixture and reacting the liquid polyisocyanate composition thus obtained with high mol weight polyol in presence of a catalyst.

104799. Kimura Entetsu Kagaku Kikai Co., Ltd. A method for separating concentrated solution of electrolyte from high viscous solution by dialysis and an apparatus therefor. Accepted on 14th September 1967.

Comprises feeding undialyzed liquid into cell allowing liquid flow downward, withdrawing dialyzate, while feeding receiving solvent from bottom allowing flow upward collecting diffusate liquid and solvent pass through screen in the cells, clamped with membranes and buffers.

104907. Borg-Warner Corporation. Torque transmission synchronizer. Accepted on 14th September 1967.

Comprising a synchronizer ring, a clutch sleeve, a hub, gear means establishing a thrust transmitting relation, a clutch drum, means on said gear.

104935. Joseph Lucas (Industries) Limited, Spark Ignition circuits and drive circuits for switches therein. (11th March 1965). Accepted on 11th September 1967.

Comprising means for initiating conduction of the switch and a feedback transformer for increasing the drive current applied to the switch.

105037. Fuller Company. Method for waste water renovation. Accepted on 8th September 1967.

Comprising the steps of (i) clarifying the effluent (ii) filtering the clarified effluent (iii) partially demineralizing the clarified and filtered effluent (iv) treating the demineralized effluent with activated carbon (v) and further treating with an anion exchange material.

105317. International Standard Electric Corporation. Tracking and synchronising system for determining the position and velocity vectors of a tracked object with respect to a tracking station. Accepted on 8th September 1967.

With tracking station including means for sending signals to tracked object and for receiving these signals from said object and means for determining position vector of object two auxiliary tracking stations each of tracking stations including means for measuring radial velocity component of velocity vector and communicating means for generating synchronized reference signals.

105378. Imperial Chemical Industries Limited, Production of N : N'-disubstituted bipyridylum salts. Accepted on 8th September 1967.

Reacting N : N'-dialkyl tetrahydro-4 : 4'-bipyridyl with carbon compound containing labile halogen atom.

105455. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and apparatus for fixing synthetic fibrous materials and dyestuffs on synthetic fibrous materials. Accepted on 14th September 1967.

Passing heated gas through textile material so that the textile material is pressed on the sieves.

105456. Union Carbide Corporation. Improvements in and relating to the demineralisation of water. [Addition to No. 92713]. Accepted on 8th September 1967.

In a method of demineralization of water comprising eluting a mixed resin bed which has become loaded in a preceding adsorption stage with water or a saline solution at a temperature exceeding that employed during the adsorption stage the improvement comprises adjusting the pH of the water in equilibrium with the resin bed during adsorption and choosing a ratio of acid resin to base resin such as to minimize the overlap of the acid and base titration curves.

105510. Societe Fives Lille-Cail. A method for producing crystals and a continuously operating crystallizer therefor. (17th May 1966). Accepted on 14th September 1967.

Characterised in fraction of solution supplied to each cell sprinkled on surface of walls of cells to form film of solution which dissolves the crystals deposited.

105558. Shell Internationale Research Maatschappij N. V. Process and apparatus for the separation of droplets of one liquid from a second liquid which is immiscible with the first. Accepted on 12th September 1967.

Characterized in that the mixture of liquids is passed through fibrous material, after the liquid mixture has left the fibrous material, the larger drops formed through coalescence are separated from the continuous liquid phase by settling or otherwise.

105578. Imperial Chemical Industries Limited, Process for the manufacture of polyamides and moulded or extruded articles made therefrom. Accepted on 14th September 1967.

Polymerising a lactam having 7-13 atoms in presence of an oxyacid of phosphorus.

105579. Imperial Chemical Industries Limited, Process for increasing the molecular weight of polyamides. Accepted on 13th September 1967.

Heating a polyamide in presence of a phosphoric acid.

105608. Everest Electric Corporation. Automatic voltage booster. Accepted on 12th September 1967.

Comprises a transformer a thermionic or electronic relay operating device connected to a first secondary winding of it in series with a electro-magnetic relay and a condenser across the relay.

105616. Aef Industries Incorporated. Temperature responsive accelerator pump. Accepted on 12th September 1967.

Comprising a wall movable to draw and discharge fuel and a thermostatic element controlling the fuel flow in a bypass passage in the wall.

105617. Aef Industries Incorporated. Protective casing for a shaft. Accepted on 12th September 1967.

Comprising in combination a tubular member spaced from the shaft, a sealingly engaged collar between the shaft and member and a cap enclosing the projecting portion of the shaft.

105669. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Catalytic cracking of hydrocarbons having a carbon number of C₂ to C₁₄. (18th June 1965). Accepted on 7th September 1967.

Comprising carrying out the reaction in the presence of one or more catalysts arranged in a series which contain nickel or cobalt and the temperature in the first zone of the catalyst is kept at from 350° to 550° and then in the remaining zone is raised to the range of from 560° to about 1000°.

105733. Council of Scientific and Industrial Research. A separator for immiscible liquids. Accepted on 8th September 1967.

Which comprises a tank as hold a mixture of two immiscible liquids of different densities and a delivery pipe to feed the mixture into the tank, provided with an inverted funnel.

105836. Pilkington Brothers Limited. Improvements in or relating to linear induction motors. (22nd June 1965). Accepted on 12th September 1967.

Comprising a laminated stator having plurality of parallel limbs, windings and a cooling box fixed on the limb.

106061. Aktiebolaget Svenska Flaktfabriken. Mounting frame of sheet metal. Accepted on 13th September 1967.

Mounting frames for connecting fans or ventilation ducts to opening characterised in that the frame consists of a square or rectangular flanged plate with a central circular opening and a socket mounted therein.

106167. International Standard Electric Corporation. Apparatus for route searching in a telecommunication exchange. Accepted on 13th September 1967.

Includes first and second binary storage means, control means, second storage means and a further switching stage.

106256. Aktiebolaget Svenska Flaktfabriken. An apparatus for adjustable outflow of a gaseous medium. Accepted on 14th September 1967.

Characterized in that the distribution channel is divided by a wall into two parts, the first of said parts communicating directly with the inlet chamber via the control channel and that the medium supply to the two parts of the distribution channel can be directed by a change-over means either only to the first part or only to the second part or by an intermediate position of said means can be divided in desired proportion between the parts.

106315. Joseph Lucas (Industries) Limited. Power transmission mechanism. Accepted on 5th September 1967.

Comprising a reciprocable slide driven by the windscreen wiper motor of a vehicle, a catch limiting reciprocatory motion of the slide, means operable by said motion to move the catch to a position of adjacent the pole of a solenoid during each of said limited reciprocation of the slide.

106729. Westland Aircraft Limited. Improvements in or relating to flexible skirts for air cushion vehicles. (24th September 1965). Accepted on 7th September 1967.

A flexible skirting assembly for a gaseous fluid cushion supported vehicle, capable of being converted to a sealed buoyancy chamber to enable the vehicle to operate as a displacement craft.

106960. Power Jets (Research & Development) Limited. Improvements in or relating to pressure exchangers. (10th September 1965). [Addition to No. 99201]. Accepted on 12th September 1967.

Wherein the other of the two surfaces is shaped to direct leakage gas into the expansion zone at a location remote from the passage.

106993. Metrawate Aktiengesellschaft. Electrical automatic regulator. Accepted on 13th September 1967.

Characterised in that the cylindrical carrier is made hollow and parts of control system like amplifier located within the hollow space.

107008. Caterpillar Tractor Co. Self-loading scraper elevator mounting. Accepted on 13th September 1967.

Comprising a coupling pivotably connecting the elevator to the scraper body for movement in conjunction with the ejection member.

107035. Aktiebolaget Ludor. Process for producing a microporous plate and microporous plate according to the process. Accepted on 13th September 1967.

Characterised in that the material forming the plate after sintering is caused to pass one or more rollers and one additional sintering zone.

107065. The British Petroleum Company Limited. Improvements relating to fixed-bed catalytic operations. (15th September 1965). Accepted on 12th September 1967.

Comprising a closed, vertical reactor capable of holding a bed of catalyst and having an upper inlet and a lower outlet, a tray across upper part of the vessel, chimneys extending upwardly from the tray, screening means within and cowls above the chimneys.

107092. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Improvements to hollow reinforced-elastomer structures, bounded by a closed surface. Accepted on 13th September 1967.

Characterised in that it is of parallelopipedic shape with a square or rectangular shape.

107099. The Metal Box Company Limited. Improvements in or relating to containers. Accepted on 13th September 1967.

Comprising a neck having flutings on a side for engagement with corrugations on a flange forming a neck receiving opening in the container end.

107416. Imperial Chemical Industries Limited. Improvements in or relating to yarn packages and to methods of producing them. (15th October 1965). Accepted on 8th September 1967.

Comprising a body of yarn wound on a bobbin, a transfer tail and a waste receiving device removably fitted at the opposite end of said body of yarn.

107473. A. N. Junnarkar. Self lighting cigarette. Accepted on 13th September 1967.

A mounting ring with a tail and having a hole pasted with phosphorous is located at one tip of the cigarette.

107522. Rolls-Royce Limited. Power plant. (18th October 1965). Accepted on 8th September 1967.

Comprising at least one jet engine having a fuel supply thereto a plenum chamber arranged to receive exhaust gases from the or each engine having a plurality of outlets for exhaust gases, a plurality of free power turbines mounted in said outlets, and control means, responsive to changes in the rotational speeds of the free power turbines.

107554. Stauffer Chemical Company. New pesticidal composition. Accepted on 8th September 1967.

Comprising up to 50% by weight of active ingredient as ethyl-thioethyl-(2,4-dinitro-6-sec-butyl-phenyl) carbonate admixed with inert carrier.

107559. Shell Internationale Research Maatschappij N.V. Transporting mineral salts with mineral oils through pipelines. Accepted on 14th September 1967.

Mixing mineral salt granules having diameter up to 4000 micron with crude oil and a stabilizer selected from the group consisting of alkali and alkaline earth metal salts of organic sulphonates stabilized slurry and subsequently pumping stabilized slurry through a crude oil pipeline.

107599. Nikex Nchezipari Kulkerskedelmi Vallalat. Method of processing corrosion resistant component parts from low-alloy carbon steel. Accepted on 12th September 1967.

Wherein a steel having a carbon content of at most 0.4% and titanium content of 1.2 to 5.1% is selected and shaped into a predetermined component part whereafter the component part is nitrided, the associated amount of carbon and titanium being determined by the formula $Ti\% = Ti\% - 4C\%$.

107637. Chemical Construction Corporation. Urea synthesis process. Accepted on 13th September 1967.

In which ammonium carbonate decomposed in series of off-gases each adiabatically compressed and mixed with liquid of next higher stage the gas separated from highest compression stage and delivered.

107747. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to filters for bivalent pulse signals. Accepted on 13th September 1967.

Characterized in that filter is provided with a shift register connected to the separate pulse generator to a combination service.

107865. Leslie A. Parsons & Sons Limited. Article carrier more especially carriers for supporting and conveying onions. (26th November 1965). Accepted on 13th September 1967.

Wherein the article carrier comprises a pair of circular plate spaced apart from each other and having the notches formed on the peripheries thereof and that the space in between each pair of notches is free of obstruction.

107866. Leslie A. Parsons & Sons Limited. Apparatus for slitting the skins and/or inedible layers of onions. (4th July 1966). Accepted on 13th September 1967.

Comprising means for conveying onions successively through a slitting position a pair of movably mounted knife carrier members resilient means to urge members to a position where the knives are adjacent each other and means for moving members apart so that the knives slit the onion skin from the middle to the ends thereof.

107867. Leslie A. Parsons & Sons Limited. A cutting apparatus for topping and tailing articles such as onions. (26th November 1965). Accepted on 13th September 1967.

Comprising an article carrier movable to convey successive articles through a cutting position, two sets of knife carrier devices resiliently mounted for adjusting movement towards and from cutting position and resiliently mounted for adjusting movement of the knives heightwise of the article at the cutting position, and feeler means for engagement of articles.

107958. The British Petroleum Company Limited. A device for insertion into the catalyst bed of a down flow reactor. Accepted on 12th September 1967.

Comprises perforated tube closed to catalyst at lower end, adapted to be inserted into catalyst bed, adapted to permit vapour flow thereinto thence through tube into catalyst bed.

107992. Amsted Industries Incorporated. Mold apparatus for pressure casting. Accepted on 12th September 1967.

Mold apparatus for pressure casting with a movable support having pouring opening and a pouring tube through which molten metal is forced upward, a pair of movable mold part mounted on the support and having a mold cavity there between, means for holding the mold parts in tight engagement and power means for moving the whole apparatus and also the parts individually.

108084. American Cyanamid Company. Reaction process for modification of high molecular weight polymers. Accepted on 12th September 1967.

Forming rubbery polymeric aqueous gel into particles having diameters of not greater than $\frac{1}{4}$ inch contacting said particles with a reactant solution and recovering resultant reaction product.

108104. Nippon Kakoh Seishi Kabushiki Kaisha. Method for treating a polymer film to give opacity thereto. Accepted on 11th September 1967.

Dipping first in liquid which can swell said polymer and then in second liquid miscible with first which does not swell.

108259. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing electric discharge tubes provided with a non-evaporating getter and electric discharge tubes obtained by these methods and getters for use in such electric discharge tubes. Accepted on 14th September 1967.

Electric discharge tube manufacturing method characterised in that the getter, before being mounted in the discharge tube, is heated in a separate vacuum space at such a high temperature that the whole hydrogen is expelled.

108339. G. Kromschroder Aktiengesellschaft. Improvements in couplings for connecting through flow appliances with service and installation pipe lines. (7th September 1966). Accepted on 12th September 1967.

Coupling for throughflow appliance and installation pipe line, where the inner tubular element is axially movable and spring biased.

108404. The Wheelabrator Corporation. Mechanical separator for particulate materials and method. Accepted on 12th September 1967.

Separating particulate materials of different specific gravities by letting material fall from a lip as a curtain and passing air perpendicular to curtain wherein material of lower specific gravity is carried by air and this portion is similarly treated with reduced air velocity.

108613. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Thermoplastic compositions. Accepted on 14th September 1967.

Consisting of a styrene polymer and a diene polymer selected from the group consisting of butadiene and isoprene brominated to a content of 40-75% bromine.

108647. Wellworthy Limited. Improvements in or relating to piston rings. (7th January 1966). Accepted on 12th September 1967.

Comprising a carrier ring of hollow construction, said carrier ring being circumferentially loaded by spring expander means, and having restriction means against which said expander means can exert radial pressure

108671. G. Overton Drying apparatus. Accepted on 13th September 1967.

Comprises a drum with a cylindrical shell, and heads a central pipe, a plurality of jet pipes and spoke pipes.

108724. Jhaveri Brothers & Company Private Limited. Improvements in or relating to clothes hangers or devices for hanging clothes. Accepted on 12th September 1967.

Comprising a base plate having two opstanding hollow cylindrical pillars, each pillar having externally two wing like abutments spaced circumferentially around it, and two hollow frusto conical cap members each such cap member having an eccentric mounting pin adapted to engage into one of the hollow upstanding pillars and secured thereto and a second pin spaced from the first pin.

108987. Ciba Limited. Di-(hydroxynaphthyl)-triazines and processes for their manufacture and use. Accepted on 13th September 1967.

Comprises condensing a dihalogenated triazine with a 2-hydroxy naphthalene.

109384. Sandvikens Jernverks Aktiebolag. Improvements in or relating to razor blades (5th January 1967). Accepted on 12th September 1967.

Razor blade made from an alloy steel containing carbon and chromium in a weight ratio of chromium to carbon of less than 30:1, 0.0-0.8% silicon, 0 to 1.0% manganese, 0.1-0.5% molybdenum, 0.3-0.6% tungsten, 0.1% each nickel, cobalt, copper, niobium, tantalum, titanium, zirconium boron and aluminium.

110111. Crucible Steel Company of America. Improved free-machining ferritic stainless steels. Accepted on 5th September 1967.

Consisting low carbon, 14 to 20 percent chromium, 0.20 to 0.55 percent sulphur, 1.25 to 3.0 percent manganese, having a manganese to sulphur ratio of at least 3 to 1 and others being ferrite and austenite promoting elements such that the steel has a minimum chromium equivalent of 14.

110260. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of expanded moldings of olefin polymers. Accepted on 6th September 1967.

Comprises in heating the crystalline polymer of olefine so that they fuse together in a closed mold.

110535. S. P. Kinney Engineers, Inc. Hot blast stove. Accepted on 14th September 1967.

Comprising on upright cylindrical stove body, a checkerbrick portion a dome and combustion chamber, means for introducing and igniting gases in the dome and combustion chamber portion and means for introducing cold blast air through an entrance opening in the base portion to pass upwardly through the checkerbricks to provide a hot blast.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

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85358. 85393. 85406. 85420. 85428. 85440. 85665. 85674.
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Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical errors occurring in the application and specification in respect of Patent application No. 97417 was allowed on the 16th September, 1967.

Patents Sealed

92340. 97400. 98100. 98830. 98847. 98975. 99001. 99613.
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107937. 108047. 108337.

Amendment Proceedings

(1)

The amendment proposed by Simonacco Limited in respect of patent application No. 74391, as advertised in the Gazette of India, Part III, Section 2 dated the 12th May 1967 has been allowed.

(2)

The amendment proposed by Gray Tool Company in respect of patent application No. 99241 as advertised in the Gazette of India Part III, Section 2 dated the 20th May 1967 has been allowed.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patents have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

68358 — M/s. Amartara Industries.
93778 — M/s. Aktiebolaget Flygts Pumpar.
53680 — M/s. Seperic.
71970
81620 }
90301 } M/s. Clevite Corporation.
91835 }
90462 — M/s. Baudat AG.

87720 — M/s. Callaway Mills Company.

Renewal Fees Paid

47691. 48181. 48284. 48312. 48313. 50246. 50307. 50321.
50498. 50785. 52928. 52983. 52999. 53353. 53356. 53379.
55508. 55545. 55582. 55589. 55642. 55793. 58403. 58480.
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 96066. 96067. 96068. 96166. 96395. 96487. 96612. 96760.
 96761. 99859.

Cessation of Patents

90881. 90998. 91093.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 62439—Hindustan Antibiotics Ltd.

The patent ceased on the 30th November 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 11th April 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th October 1967.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 69776—Jivanji Jagjivandas Mistry.

The patent ceased on the 19th November 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 9th September 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th November 1967.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 70596—R. K. Sengupta.

The patents ceased on the 3rd February 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patents were notified in Part III, Section 2 of the Gazette of India, dated the 13th June 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th November 1967.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent :—

No. 72802—R. K. Sengupta.

The patents ceased on the 3rd February 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent were notified in Part III, Section 2 of

the Gazette of India, dated the 13th June 1964. Any person may give notice of opposition to the restoration by leaving an application on form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 11th November 1967.

(5)

An order has been made on the 17th August 1967, restoring the patent No. 77122 dated as of the 13th June 1961, granted to Tulsi Das Suri, for "an automatic gripper for a free falling cage with rope guides".

(6)

An order has been made on the 31st August 1967, restoring the patent No. 80826 dated as of the 19th February 1962, granted to William Gray Horton, for "improvements in and relating to display and like devices".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 130501. Grover Bros. 42, Kamla Market, New Delhi-1, an Indian Partnership concern, "Coolant pump", February 27, 1967.

Class 1. No. 130576. Kailash Nath, Bhairaw Prasad, Proprietor :—M/s. Kailash Nath Ram Chandra, Tulsi Chowk, Mirzapur, U.P. Indian subjects, "Pots", March 22, 1967.

Class 1. No. 130824. Mole-Richardson (England) Limited, a British Company, 111 Wardour Street, London, W.1, England, "a flood lamp", May 12, 1967.

Class 1. No. 130949. Bibhuti Prasad Barua, an Indian National, 92, Ballygunj Place, Calcutta-19, West Bengal, "Chaser Dies", May 27, 1967.

Class 1. No. 131107. Avtar Singh Kapoor and Satya Narayan Manna, both Indian Subjects, 132/9, Narasingha Dutt Road, Kadamtollah, Howrah, State of West Bengal, India, "Bracket for a flour mills", June 19, 1967.

Class 3. No. 131085. Ravi Prasad C/o. General Plastics, 8, Lamarind Lane, Bombay-1, State of Maharashtra, India, an Indian National, "A feeding device", June 16, 1967.

Class 3. No. 131369. Jaggy & Company, 12, Rampart Row Fort, Bombay-1, Maharashtra State, India, an Indian Company, "A hair brush", July 14, 1967.

Class 3. No. 131457. Jaggy & Company, 12, Rampart Row, Fort, Bombay-1, Maharashtra State, India, an Indian Company, "A Waste Paper Basket", July 17, 1967.

Class 3. Nos. 131467 and 131468. The Dunlop Company Limited, a British Company, of Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", March 28, 1967, (United Kingdom).

Class 3. No. 131469. The Dunlop Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "a tyre for a vehicle wheel", April 8, 1967, (United Kingdom).

Class 4. No. 130489. Ramanbhai Manibhai Patel P.O. Box No. 25/9, Nairobi, Kenya a British Subject, a Citizen of United Kingdom & Colonies, "Bottle", February 24, 1967.

Class 10. Nos. 131218 to 131220. B. B. Talapatra & Company, P-11, New Howrah Bridge Approach Road, Calcutta-1, West Bengal, India, an Indian Partnership Firm, "Footwear made of PVC Compound leather, rubber, etc.", June 26, 1967.

A. JOGARAO
 Controller General of Patents,
 Designs & Trade Marks.

